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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,646	11/29/2000	Guanghua Huang	116.011US1 9689	
23552	7590 05/06/2004		EXAMINER	
	& GOULD PC		DEB, ANJAN K	
P.O. BOX 2903 MINNEAPOLIS, MN 55402-0903			ART UNIT	PAPER NUMBER
WIII VIEZI GE	15, 14114 55402-0705		2858	
			DATE MAILED: 05/06/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

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SUPPLEMENTAL Notice of Allowability

Application No.	Applicant(s)	
09/725,646	HUANG ET AL.	
Examiner	Art Unit	
Anjan K Deb	2858	

Notice of Allowability	Examiner	Art Unit			
	Anjan K Deb	2858			
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not include will be mailed in due	ed course. THIS		
 ☑ This communication is responsive to RCE filed 12/29/03. ☑ The allowed claim(s) is/are 1-13,15-19 and 25-33. ☑ The drawings filed on 29 November 2000 are accepted by the Examiner. ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). 					
* Certified copies not received: 5. Acknowledgment is made of a claim for domestic priority up reference was included in the first sentence of the specification (a) The translation of the foreign language provisional at 6. Acknowledgment is made of a claim for domestic priority up	ation or in an Application Data Sheet pplication has been received.	. 37 CFR 1.78.			
in the first sentence of the specification or in an Application Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of 7. A SUBSTITUTE OATH OR DECLARATION must be subminformal patents.	Data Sheet. 37 CFR 1.78. this communication to file a reply countries this application. THIS THREE-MONITHEM THEELOWS.	omplying with the requ NTH PERIOD IS NOT 'S AMENDMENT or N	uirements noted EXTENDABLE		
8. CORRECTED DRAWINGS (as "replacement sheets") mus (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No. (b) including changes required by the proposed drawing of the composed drawing	orrection filed, which has be s Amendment / Comment or in the C	948) attached en approved by the E office action of Paper	No		
9. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT FOR T			Note the		
Attachment(s)					
 1 Notice of References Cited (PTO-892) 2 Notice of Draftperson's Patent Drawing Review (PTO-948) 3 Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No 	5 Notice of Informal Pa 6 Interview Summary (3), 7 Examiner's Amendm	PTO-413), Paper No.	•		
4 Examiner's Comment Regarding Requirement for Deposit of Biological Material	8⊠ Examiner's Statemer 9⊡ Other .	Anjan K Deb Examiner Art Unit: 2858			

DETAILED ACTION

 This office action is in response to RCE, and amendment with response filed 12/29/03.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 19, at the end of last line, replace semicolon ";" with a period -----

Authorization for this examiner's amendment was given in a telephone interview with, Mr. John Reich on 5/4/2004.

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Allowable Subject Matter

3. Claims 1-13, 15-19 and 25-33 are allowed.

Reasons for Allowance

4. The following is an examiner's statement of reasons for allowance:

The primary reason for allowance of the claims 1-13, 15-19 is the inclusion of a ground probe having a ground contact surface with a surface area substantially greater than the contact surface area of one signal probe tip for contacting another one of contact regions, wherein the ground contact surface is positioned between at least two of the signal probe tips in combination with the remaining claimed limitations.

The primary reason for allowance of the claims 25-28 is the inclusion of automatically introducing a test signal through the second test head contact into the electronic assembly in response to sensing electrical communication between the first test head contact and the second conductive region, in combination with the remaining claimed limitations.

The primary reason for allowance of the claims 29-30 is the inclusion of adjusting the depth of the ground contact thereby positioning the overhanging portion of the ground

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probe a predetermined distance from the first signal port and establishing a predetermined impedance of the first signal port in combination with the remaining claimed limitations.

The primary reason for allowance of the claims 31-33 is the inclusion of changing at least one of the first and second conductive probes to enable the test head to establish second nominal characteristic impedance different from the first nominal characteristic impedance in combination with the remaining claimed limitations.

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Any comments considered necessary by applicant must be submitted no later than the

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payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Dr. Anjan K. Deb whose telephone number is (571)-272-2228. If

attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, N. Le,

can be reached at (571) 272-2233.

Ayoulu Dd_

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5/4/04